DEC 0 1 2009 1 of 4 APPLICATION NO. ATTY DOCKET NO. Form PTO-1449 US Dept. of Commerce 10/589,669 PATENT & TRADEMARK OFFICE 129110 (REV. 1/06) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) **APPLICANTS** Masahide MIURA **GROUP** FILING DATE 1793 August 16, 2006 U.S. PATENT DOCUMENTS Cite Examiner Name Date Initials No. Document Number /A.Z./ 08/08/1995 Abe et al. 1. 5,439,865 08/02/1994 Beauseigneur et al. 2. 5,334,570 Blanchard et al. 10/04/1994 3. 5,352,646 08/03/1993 Blanchard et al. 4. 5,232,889 05/15/1984 Ono et al. 5. 4,448,895 01/01/1991 Pinnavaia et al. 4,981,825 6. 09/13/1994 Wachter et al. 7. 5,346,875 02/20/1996 Wilcox et al. 5,492,870 8 05/19/1998 Beckmeyer et al. 9. 5,753,581 07/04/2000 Yoshida et al. 6,083,868 10. 02/28/2008 Miura 2008/0051283 A1 11. 01/26/1993 Wang et al. 5,182,249 12. /A.Z./ 03/17/2005 Kuno 2005/0059547 A1 13. FOREIGN PATENT DOCUMENTS With With Examiner Cite English English Country Date Initials No. Document Number Abstract Translation OTHER DOCUMENTS Including name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, Cite Examiner journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Initials **DATE CONSIDERED EXAMINER**

Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Examiner:

Receipt date: 12/01/2009

10589669 - GAU: 1793

Sheet 2 of 4

Form PTO-1449 US Dept. of Com (REV. 1/06) PATENT & TRADEMARK O				ATTY DOCKET NO. 129110		APPLICATION NO. 10/589,669								
(Use several sheets if necessary)				APPLICANTS Masahide MIURA										
				FILING DATE August 16, 2006			GROUP 1793							
	U.S. PATENT DOCUMENTS													
Examiner Initials	Cite No.	Document Number	Da	ite	Name									
/A.Z./	14.	7,384,888	06/10/2008		Kuno									
/A.Z./	15.	5,607,892	03/04/1997		Chopin et al.									
/A.Z./	16.	6,528,451 B2	03/04/2003		Brezny et al.									
/A.Z./	17.	6,773,814 B2	08/10/2004		Schumacher et al.									
FOREIGN PATENT DOCUMENTS														
Examiner Initials	Cite No.	Document Number	Da	ate	Country		With English Abstract	With English Translation						
/A.Z./	18.	EP 0 524 643 A	01/27/1993		Europe									
0000000	19.	FR 2 836 067 A	08/22/2003		France		х							
0000000	20.	EP 1 175 935 A	01/30/2002		Europe									
000000000	21.	EP 0 430 744 A	06/05/1991		Europe		x							
00000000	22.	JP-A-8-103650	04/23/1996		Japan		х	х						
ф	23.	JP-A-8-109020	04/30)/1996	Japan		х	х						
2000000	24.	JP-A-8-109021	04/30)/1996	Japan		х	х						
9999	25.	JP-A-2000-319019	11/21	/2000	Japan		х	х						
-	26.	JP-A-2001-89143	04/03	3/2001	Japan		х	х						
000	27.	JP-A-10-258232	09/29	9/1998	Japan		х	х						
7/	28.	JP-A-2002-110261	04/12	2/2002	Japan		х	х						
/A.Z./	29.	CN 1060793A	05/06	5/1992	China		х							
1 Do s	l		OTHER I	DOCUME	NTS									
Examiner Initials Cite No. Including name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.														
EXAMINER /Anthony Zimmer/							e considered 05/13/2010							
Examiner:	Initial if	citation considered, whether or not citat considered. Include copy of this form wi	tion is in c	onformano nmunicati	ce with M.P.E.P. 609; draw line on to applicant.	through c	itation if not in	n conformance						

Date: December 1, 2009

Receipt date: 12/01/2009

10589669 - GAU: 1793

Sheet 3 of 4

APPLICATION NO. Form PTO-1449 ATTY DOCKET NO. US Dept. of Commerce PATENT & TRADEMARK OFFICE 129110 10/589,669 (REV. 1/06) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) APPLICANTS Masahide MIURA **GROUP** FILING DATE August 16, 2006 1793 U.S. PATENT DOCUMENTS Cite Examiner Name Document Number Date Initials No. FOREIGN PATENT DOCUMENTS With With Examiner Cite English Document Number Date Country English Initials No. Abstract Translation /A.Z./ JP-A-2003-277060 10/02/2003 Japan Х Х 30. х X 31. JP-A-2002-346386 12/03/2002 Japan /A.Z./ KR 10 0295168 D1 00/11*7/*2001 /A.Z./ 09/22/2005 Х Х Japan JP-A-2005-254047 33. х /A.Z./ 11/10/2005 Х 34. JP-A-2005-313024 Japan Х Х 35. JP-A-2005-314134 11/10/2005 Japan /A.Z./ /A.Z./ х Х JP-A-2005-313028 11/10/2005 Japan 36. 09/30/1997 Х Х JP-A-9-255331 Japan 37. /A.Z./ 96/99/4994 ₱₱%%%%% /A.Z./Х 39. EP 1 284 277 A1 02/19/2003 Europe /A.Z./ WIPO 11/03/2005 40. WO 2005/102933 A2 /A.Z./ EP 1 371 415 A1 12/17/2003 Europe 41. /A.Z./ EP 1 579 912 A2 09/28/2005 Europe 42. WIPO 43. WO 2007/113674 A2 10/11/2007 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Cite Examiner Initials No. Dalton WRIGHT et al., Sol-Gel Materials: Chemistry and Applications, 2001, CRC Press, Sect 1 U.S. Application No. 10/588,603 (Attorney Docket No. 128996) filed on 08/07/2006 in the name of 45. /A.Z./Takeshi HIRABAYASHI et al. **EXAMINER** /Anthony Zimmer/ Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance Examiner: and not considered. Include copy of this form with next communication to applicant.

Date: December 1, 2009

Receipt date: 12/01/2009

10589669 - GAU: 1793

					She	eet <u>4</u>	of <u>4</u>				
Form PTO-1449 (REV. 1/06) INFORMA		US Dept. of Commerce PATENT & TRADEMARK OFFICE MATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 129110		APPLICATION NO. 10/589,669					
(Use several sheets if necessary)				APPLICANTS Masahide MIURA							
				LING DATE gust 16, 2006		GROUP 1793					
		U.S. P	ATENT DO	CUMENTS							
Examiner Initials	Cite No.	Document Number	Date		Name						
	FOREIGN PATENT DOCUMENTS										
Examiner Initials	Cite No.	Document Number	Date	Country		With English Abstract	With English Translation				
		ОТ	HER DOC	JMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)									
/A.Z./	46.	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/588,603 (Attorney Docket No. 128996) on 08/19/2008.									
/A.Z./	47.	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/588,603 (Attorney Docket No. 128996) on 04/01/2009.									
/A.Z./	48.	Notice of Allowance issued in U.S. Application No. 10/588,603 (Attorney Docket No. 128996) on 11/24/2009.									
/A.Z./	49.	U.S. Application No. 10/589,421 (Attorney Docket No. 129097) filed on 08/15/2006 in the name of Masahide MIURA.									
/A.Z./	50.	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 09/17/2008.									
/A.Z./	51.	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 04/14/2009.									
/A.Z./	52.	Notice of Allowance issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 09/18/2009.									
/A.Z./	53.	U.S. Application No. 12/451,089 (Attorney Docket No. 143330) filed on 10/26/2009 in the name of Masahide MIURA.									
/A ~? /	54.	U.S. Application No. 10/593,629 (Attorney Docket No. 129518) filed on 09/21/2006 in the name of Masahide MIURA.									
/A.Z./	L				DATE	CONSIDERE	<u> </u>				
EXAMINER		/Anthony Zimmer/			DATE CONSIDERED US/13/2010						
Examiner:	Initial if and not	citation considered, whether or not citation considered. Include copy of this form with r	n is in confo next commu	rmance with M.P.E.P. 609; draw nication to applicant.	line through	citation if not i	n conformance				

Date: December 1, 2009